Claims

1. A hinge comprising first and second elements, respectively attachable to first and second structures, and arranged to be coupled together so as to be hingedly rotatable about an axis relative to each other;

the first said element comprising

a first elongate member extending along the direction of the said axis and defining a keyway slot in said first elongate member that extends part way along the said member from one end thereof,

and a second member adapted for attachment to said first structure and integrally formed with a key member receivable in the slot,

the keyway slot and the key member being formed with profiles that enable the key member to be received in the slot to a selected one of a plurality of depths, thereby enabling adjustment in the spacing of the said one structure radially of the said axis.

2. A hinge according to Claim 1, wherein the second element comprises a second elongate member extending along the direction of the axis when the first and second elements are coupled together, and having a first end and a second end;

the second elongate member defining an opening extending at least part way along the said second elongate member from the said first end of the second elongate member.

3. A hinge according to Claim 2, wherein the first elongate member is formed with a first generally cylindrical section and with a second section,

the said first section being insertable into the opening in the second member to couple the first member and the second member together to form said hinge, the said first section being rotatable about the said axis within the said opening to provide for relative rotation of the first element hingedly relative to the second element,

the second section of the first elongate member being larger in cross-section than the diameter of the first said section to define a land between the first and second sections,

and the second section having the keyway slot formed therein.

4. A hinge according to Claim 3, wherein the first element is coupled to the second element with the first section of the first elongate member inserted into the opening in the second member,

and wherein a number, selected from zero, one and a plurality, of spacing elements selected from spacers and washers is inserted between the said land and the confronting first end of the second elongate member to adjust the relative position of the first and second members along the said axis.

5. A hinge according to Claim 3, wherein the first element is coupled to the second element with the first section of the first elongate member inserted into the opening in the second member,

and wherein the land and one of the confronting first end of the second elongate member and an optional spacer between the land and the said first end are shaped so that the hinge acts as a rising butt.

6. A hinge according to Claim 1, wherein the second element comprises a threaded member extending radially of the axis and adapted for threaded attachment to said second structure.

7. A hinge according to Claim 1, wherein the key member and the first elongate member are provided with means serving as stops to define greatest and least permitted limits of depth for the key member to be received within the keyway slot.

8. A first structure mounted to a second structure for hinged movement relative thereto, the first structure being coupled to the second structure by at least one hinge according to Claim 1.

9. First and second structures according to Claim 8, wherein the second structure defines an opening lying substantially in a plane,

wherein the first structure defines means adapted for optional closure of said opening by rotation of said first structure about the axis defined by said hinge(s),

and wherein the selected depth by which the key member(s) is (are) received in the keyway slot(s) of the at least one hinge adjusts the position of the first

structure relative to the second structure across the said opening from the axis in the said plane.

10. First and second structures according to Claim 9, wherein said first and second structures respectfully comprise an internal door of a building and a building doorway.

11. First and second structures according to Claim 9, wherein said second and first structures respectfully comprise a vehicle and a hingedly openable portion of a vehicle chosen from a vehicle door, a vehicle window, a hatchback, a vehicle boot, a vehicle trunk, a vehicle hatch, a vehicle bonnet and a vehicle roof opening.

12. First and second structures according to Claim 9, wherein said second and first structures respectfully comprise a generally box-shaped member selected from a box, a cabinet, a refrigerator and a case, and an openable member therefor selected from a lid and a door.

13. A door hung in a doorway by at least one hinge, the hinge comprising first and second elements, respectively attached to the door and to the doorway, the first and second elements being coupled together so as to be hingedly rotatable about a generally vertical hinge axis relative to each other;

the first said element comprising

a first elongate member extending along the direction of the hinge axis and defining a keyway slot therein that extends part way along the said member from one end thereof,

and a second member attached to the door and integrally formed with a key member receivable in the slot,

the keyway slot and the key member being formed with profiles that enable the key member to be received in the slot to a selected one of a plurality of depths, thereby enabling adjustment in the spacing of the door radially of the said axis, whereby the position of the door is adjustable across the doorway by selecting said depth.

14. A door hung in a doorway as defined in Claim 13,

wherein the second element of the hinge comprises a second elongate member extending along the direction of the hinge axis, and having a first end and a second end,

the second elongate member defining an opening extending at least part way along the said second elongate member from said first end;

wherein the first elongate member is formed with a first generally cylindrical section and with a second section,

the said first section being inserted into the opening in the second member to couple the first member and the second member together to form the hinge, and being rotatable about the hinge axis within the said opening,

and the second section of the first elongate member being larger in cross-section than the diameter of the first said section to define a land between the first and second sections,

the second section having the keyway slot formed therein;

and wherein a number, selected from zero, one and a plurality, of spacing elements selected from spacers and washers is inserted between the said land and the confronting first end of the second elongate member to adjust the height of the door within the doorway along the hinge axis.

15. A door hung in a doorway as defined in Claim 13, wherein the second element comprises a threaded member extending radially of the axis,

the hinge being attached to the doorway by said threaded member,

whereby the position of the door as a whole relative to the doorway may be adjusted horizontally into and out of the doorway by adjusting the depth of threaded attachment between the threaded member and the doorway.